

Lansing School District: **Eighth** Grade Math Year-At-A-Glance Expected Pacing

Section	Q1 Dates	Lesson Name	Standards
UNIT 1: Rigid Transformations and Congruence (17 Lessons)			
	Aug. 20-22	Check Your Readiness Choose Form A or B	
Section A: Rigid Transformations	Aug. 25-28 Fri. No School	Lesson 1: Moving in the Plane	8.G.A.1
		Lesson 2: Naming the Moves	
		Lesson 3: Grid Moves	
	Sept. 2-5 Mon.- No School	Lesson 4: Making the Moves	
		Lesson 5: Coordinate Moves	8.G.A.3
		Lesson 6: Describing Transformations	8.G.A.1; 8.G.A.3
Section A Checkpoint			
Section B: Properties of Rigid Transformations	Sept. 8-12	Lesson 7: No Bending or Stretching	8.G.A.1.a; 8.G.A.1.b
		Lesson 8: Rotation Patterns	
		Lesson 9: Moves in Parallel	8.G.A.1.a; 8.G.A.1.b; 8.G.A.1.c
		Lesson 10: Composing Figures	8.G.A.1.a; 8.G.A.1.b
	Sept. 15-19	Section B Checkpoint	
Section C: Congruence		Lesson 11: What is the Same?	8.G.A.1; 8.G.A.2
		Lesson 12: Congruent Polygons	8.G.A.2
		Lesson 13: Congruence	8.G.A.1.a; 8.G.A.2
		Section C Checkpoint	
Section D: Angles in a Triangle	Sept. 22-25 Fri.- No School	Lesson 14: Alternate Interior Angles	8.G.A.1; 8.G.A.5
		Lesson 15: Adding the Angles in a Triangle	8.G.A.2; 8.G.A.5

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UNIT 1: Rigid Transformations and Congruence (17 Lessons)			
Section D: Angles in a Triangle	Sept. 22-25 Fri. No School	Lesson 16: Parallel Lines and the Angles in a Triangle	8.G.A.5
		Section D Checkpoint	
Section E: Let's Put It to Work	Sept. 29- Oct. 3	Lesson 17: Rotate and Tessellate	8.G.A
		Review/Reteach	
		End of Unit 1 Assessment (Online) Remember to choose A or B that correlate with pre assessment	
UNIT 2: Dilations, Similarity, and Introducing Slope (13 Lessons)			
Section A: Dilations	Oct. 6-10	Check Your Readiness (A or B)	
		Lesson 1: Projecting and Scaling	8.G.A
		Lesson 2: Circular Grid	
		Lesson 3: Dilations with No Grid	
	Oct. 13-16 Fri. No School	Lesson 4: Dilations on a Square Grid	8.G.A; 8.G.A.3
		Lesson 5: More Dilations	
		Section A Checkpoint	
Section B: Similarity	Oct. 20-24	Lesson 6: Similarity	8.G.A.2; 8.G.A.4
		Lesson 7: Similar Polygons	
		Lesson 8: Similar Triangles	8.G.A; 8.G.A.5
		Lesson 9: Side Length Quotients in Similar Triangles	8.G.A; 8.G.A.4

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Section	Q1 Dates	Lesson Name	Standards
UNIT 2: Dilations, Similarity, and Introducing Slope (13 Lessons)			
Section c: Slope	Oct. 27-30 Fri.- ½ Day	Lesson 10: Meet Slope	8.EE.B.6
		Lesson 11: Writing Equations for Lines	
		Lesson 12: Using Equations for Lines	8.EE.B.6; 8.G.A; 8.G.A.3
		Section C Checkpoint	
Section D: Let's Put It to Work		Lesson 13: The Shadow Knows	8.G.A.5